

Electronic Acknowledgement Receipt

EFS ID:	2345373
Application Number:	10721445
International Application Number:	
Confirmation Number:	7128
Title of Invention:	METHOD AND APPARATUS FOR C OMMUNICATION IN THE PRESENCE OF IMPULSE NOISE
First Named Inventor/Applicant Name:	Hossein Sedarat
Correspondence Address:	Jeffery Scott Heilesen Blakely, Sokoloff, Taylor & Zafman LLP 1279 Oakmead Parkway - Sunnyvale CA 94085 US 408-720-8383 -
Filer:	Jeremy A. Schweigert/Joan Abriam
Filer Authorized By:	Jeremy A. Schweigert
Attorney Docket Number:	6491P066
Receipt Date:	19-OCT-2007
Filing Date:	24-NOV-2003
Time Stamp:	19:00:33
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	3122

Deposit Account	022666
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Terminal Disclaimer Filed	6491P099_Terminal_Disclaimer.PDF	105521	no	3
			2b08926459933053ef371572ea5c949d80994faa		
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Filed	6491P099_IDS_and_SB08.PDF	602831	no	6
			874206a8d14147427c7e5e9f180ed0990a90f26e		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
3	NPL Documents	AHMED_Optimal_Transmit_Spectra_NPL.pdf	294170	no	5
			d57d29b5ec5f1bab07bac10152ab7e53d9eda01d		
Warnings:					
Information:					
4	NPL Documents	AL_DHAHIR_Optimum_Finite_Length_NPL.pdf	860807	no	9
			c33c29826300ef90d20668e75394540058b6a7a4		
Warnings:					
Information:					
5	NPL Documents	ARSLAN_Equalization_For_Discrete_NPL.pdf	256936	no	13
			1ae1700f8f5c69089b5a107b4125cb62d198deec		
Warnings:					
Information:					
6	NPL Documents	BINGHAM_Multicarrier_Modulations_NPL.pdf	956948	no	8
			5a87332a7adbcbf796c8dbbd96f975d5cc0b5086		
Warnings:					
Information:					
7	NPL Documents	Draft_Standard_Network_and_Customer_NPL.pdf	2001914	no	270
			fd2b8f75b5846ae5dc1cbb8f7683bc97326c1725		
Warnings:					
Information:					

8	NPL Documents	FARHANG_BOROUJENY_Desig n_Methods_NPL.pdf	170091	no	9
			3c20a258aa62a1305c23a8e6d59b13e10c3164c5		
Warnings:					
Information:					
9	NPL Documents	FISCHER_A_New>Loading_ Algorithm_NPL.pdf	238740	no	5
			ea88dd695d28a00f98ad35c78c77cf6630bb369f		
Warnings:					
Information:					
10	NPL Documents	FRANKLIN_How_DSL_Work s_NPL.pdf	475335	no	6
			dd9be417a97274054a00b6de2b7a477724e93390		
Warnings:					
Information:					
11	NPL Documents	FUKUDA_A_Line_Terminati ng_LSI_NPL.pdf	585079	no	8
			12e21b21f6f1f3c39f41ea856760d23a810a6fbc		
Warnings:					
Information:					
12	NPL Documents	HENKEL_Maximizing_The_ Channel_NPL.pdf	92408	no	5
			1ea2be31f48e4beaa0d156154d8dabd5097b8d54		
Warnings:					
Information:					
13	NPL Documents	LAMPE_Performance_Evalu ation_NPL.pdf	229051	no	8
			a03ab9b2b3d61d56eb3e4c7199d099e8e518b551		
Warnings:					
Information:					
14	NPL Documents	LASHKARIAN_Fast_Algorith m_For_Finite_NPL.pdf	281564	no	4
			b75b873b58232403a6c3854da631f041d43b0411		
Warnings:					
Information:					
15	NPL Documents	LEKE_A_Maximum_Rate_L oading_NPL.pdf	423210	no	5
			ba995e6fa3a0ed9336b2b8a1ab44e079166e666e		
Warnings:					
Information:					
16	NPL Documents	MELSA_Impulse_Response_ Shortening_NPL.pdf	982289	no	11
			55c2480b8e0d6cf635ab35c25b9e05c97606576a		
Warnings:					
Information:					

17	NPL Documents	MILOSEVIC_Simultaneous_Multichannel_Time_NPL.pdf	353741	no	5
			f9c4fe9e576b1b196a475b255e19c6fc2565efd8		
Warnings:					
Information:					
18	NPL Documents	PEREZ_ALVAREZ_A_Differential_Error_Reference_NPL.pdf	273186	no	4
			f50f88423352055e39c8636816aa3191b3b22cb5		
Warnings:					
Information:					
19	NPL Documents	SEDARAT_Inpulse_Noise_Protection_NPL.pdf	110285	no	4
			03bb770834586d86ab9db88bcc4bb828375c02c0		
Warnings:					
Information:					
20		6491P066_Amendment.pdf	61007	yes	13
			6c4dd62a90b8feaddb241484b4d36b67041449d5		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment - After Non-Final Rejection		1	1	
	Claims		2	11	
	Applicant Arguments/Remarks Made in an Amendment		12	13	
Warnings:					
Information:					
21	Fee Worksheet (PTO-06)	fee-info.pdf	8216	no	2
			8b319db8c8560ed7ae60bc04e2b6f5d92104260f		
Warnings:					
Information:					
Total Files Size (in bytes):			9363329		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.